

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 12810-00012-US U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107521810
INTERNATIONAL APPLICATION NO. PCT/EP2003/007870	INTERNATIONAL FILING DATE 18 July 2003	PRIORITY DATE CLAIMED 26 July 2002
TITLE OF INVENTION METHOD FOR INCREASING YIELD IN THE PRODUCTION OF POLYVALENT ALCOHOLS BY SPLITTING BY-PRODUCTS CONTAINING ACETAL		
APPLICANT(S) FOR DO/EO/US Alexander WARTINI; Tilman SIRCH; Johann-Peter MELDER; Matthias DERNBACH		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☒ is attached hereto (required only if not communicated by the International Bureau).
 - ☐ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☒ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☒ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

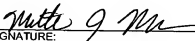
Items 11 to 20 below concern document(s) or information included:

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: International Search Report (ISR); International Preliminary Examination Report (IPER)-German language

PTO-1390 (Rev. 12-2004)

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Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE.

U.S. APPLICATION NO. (if known, see 37 CFR 1.51)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER											
107521810		PCT/EP2003/007870		12810-00012-US											
21. The following fees are submitted:				<table border="1"> <tr> <th>Applicant Use</th> <th>Office Use Only</th> </tr> <tr> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>\$ 500.00</td> <td></td> </tr> <tr> <td>\$ 1,000.00</td> <td></td> </tr> </table>		Applicant Use	Office Use Only	\$ 300.00		\$ 200.00		\$ 500.00		\$ 1,000.00	
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<input checked="" type="checkbox"/> a) Basic national fee\$300.00 <input checked="" type="checkbox"/> b) Examination fee\$200.00 <input checked="" type="checkbox"/> c) Search fee\$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00															
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.															
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE												
16 - 100 =	/50 =		x \$250.00												
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$											
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE												
Total claims	20-29 =	0	x 50.00	\$ 0.00											
Independent claims	1-4 =	0	x 200.00	\$ 0.00											
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+											
TOTAL OF ABOVE CALCULATIONS =				\$ 1,000.00											
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$											
SUBTOTAL =				\$ 1,000.00											
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+											
TOTAL NATIONAL FEE =				\$ 1,000.00											
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+											
TOTAL FEES ENCLOSED =				\$ 1,040.00											
Amount to be refunded:															
Amount to be charged:															
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>22-0185</u> in the amount of \$ <u>1,040.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0185</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.															
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.															
SEND ALL CORRESPONDENCE TO:															
<div style="text-align: right;">  SIGNATURE: _____ Matthew J. Mason NAME _____ CUSTOMER NUMBER: 30678 _____ 44,904 REGISTRATION NUMBER </div>															